



Docket No.: A8319.0025/P025
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Katsutoshi Tsuchiya et al.

Allowed: April 24, 2006

Application No.: 10/678,303

Confirmation No.: 4125

Filed: October 6, 2003

Art Unit: 2878

For: RADIATION DETECTOR,
RADIATION DETECTOR ELEMENT,
AND RADIATION IMAGING
APPARATUS

Examiner: O. Gabor

**REQUEST FOR ACKNOWLEDGEMENT OF INFORMATION DISCLOSURE
STATEMENT (IDS)**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

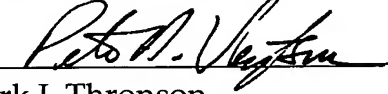
Dear Sir:

Applicants are in receipt of the Notice of Allowance dated April 24, 2006, in which there is no indication that the Information Disclosure Statement filed on April 17, 2006, has been considered. Applicants respectfully request that the receipt and consideration of the Information Disclosure Statement be formally acknowledged at the earliest possible convenience. A copy of the Information Disclosure Statement is attached along with the corresponding PTO-stamped postcard receipt showing the respective filing dates.

Acknowledgment of the references cited in the Information Disclosure
Statements is solicited.

Dated: May 24, 2006

Respectfully submitted,

By 

Mark J. Thronson

Registration No.: 33,082

Peter A. Veytsman

Registration No.: 45,920

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In re Patent Application of:
Katsutoshi Tsuchiya et al.

Application No.: 10/678,303

Confirmation No.: 4125

Filed: October 6, 2003

Art Unit: 2884

For: RADIATION DETECTOR, RADIATION
DETECTOR ELEMENT, AND RADIATION
IMAGING APPARATUS

Examiner: O. Gabor

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement (IDS) is being filed after the mailing date of a first Office Action on the merits. The fee required by 37 CFR 1.17(p) is enclosed. The references contained in this IDS were cited in a communication from the Japanese patent office in a counterpart foreign application. Copies of the references listed on the attached PTO/SB/08 are enclosed, as well as English-language Abstracts of the references.

Applicants are enclosing a copy of the communication from the Japanese patent office. Applicants also wish to disclose a translation of the portion of the communication from the Japanese patent office that discusses the reference. In the following translated portion,

reference numbers 1, 2, 3 and 4 correspond to references identified as A, B, C, and D on the attached PTO/SB/08, respectively.

The cited reference 1 discloses a radiation detector including a first electrode, a semiconductor element surrounding circumference of the first electrode and contact with the first electrode into which radiation comes in, a plurality of radiation detector element having a second electrode and disposed outer surface of the semiconductor element, and integrated circuit for processing signal outputted from the radiation detector element, wherein the first detector is signal outputting electrode and second electrode is voltage applying electrode.

The cited reference 2 discloses a two-dimensional array radiation detector in which each of unit elements is structured individually, and electrical connection of each element is structured as detachable, rendering to structure radiation detector of which exchange of unit element or repairing can be easily carried out.

The cited reference 3 discloses, in paragraph [0003] and in FIG. 13, that the electrode itself which is a structural element of the radiation detector to include collimator effects.

The cited reference 4 discloses, concerned with the width of electrode formed pinching semiconductor, a radiation detector element of which width of one electrode is narrower than that of the other electrode.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(b) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such. It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1073, under Order No. A8319.0025. A duplicate copy of this paper is enclosed.

Dated: April 17, 2006

Respectfully submitted,

By 

Mark J. Thronson

Registration No.: 33,082

Peter A. Veytsman

Registration No.: 45,920

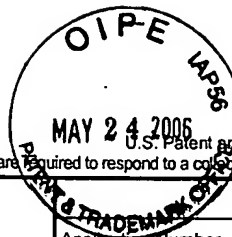
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PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/678,803 Conf. #4125
Filing Date	October 6, 2003
First Named Inventor	Katsutoshi Tsuchiya
Art Unit	2884
Examiner Name	O. Gabor
Attorney Docket Number	A8319.0025/P025-A

Sheet 1 of 1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	A	JP 58-143285	8-25-1983			Abstract Only
	B	JP 11-126890	5-11-1999			Abstract Only
	C	JP 11-133155	5-21-1999			Abstract Only
	D	JP 06-120550	4-28-1994			Abstract Only
	E	JP 61-292969	12-23-1986			Abstract Only
	F	JP 5-259496	10-08-1993			Abstract Only

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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**SECOND REQUEST FOR CORRECTED NOTICE OF RECORDATION OF
ASSIGNMENT**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

On July 9, 2004, Applicants submitted a Request for Corrected Notice of Recordation of Assignment Document. To date we have not yet received a corrected document. Applicants hereby request that a corrected Notice of Recordation of Assignment be issued in the above-referenced patent application. A copy of the Request for Corrected Notice of Recordation of Assignment is attached along with the corresponding PTO-stamped postcard receipt showing the respective filing date.

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